



## Technology Area

### DEFINITION

<i>Name</i>	Network Tools and Utilities
<i>Description</i>	<p>A network tool is a device that provides the ability to analyze and document network traffic including trends, data, and performance. A network utility is a software application that performs similar functions but exists as an application under a common operating system.</p> <p>Network Tools and Utilities are used to diagnose problems, baseline functions, detect anomalies, document trends and manage the network.</p> <p>Some examples of Network Tools and Utilities include:</p> <ul style="list-style-type: none"> <li>• Sniffers – The ability to capture and analyze network traffic.</li> <li>• LAN Meters – The ability to diagnose and detect network problems. These devices also offer the ability to analyze and detect trends.</li> <li>• Network Taps – These devices offer the ability to see all traffic for a particular LAN segment.</li> <li>• Ping – the ability to verify that a host is on the network.</li> </ul>
<i>Rationale</i>	Network Tools and Utilities allow administrators to detect and correct problems, analyze trends, analyze network data and performance.
<i>Benefits</i>	Network Tools and Utilities allow an administrator to quickly analyze and implement resolutions to network problems. They also allow one to analyze current performance against a baseline standard and assist with capacity planning.

### ASSOCIATED ARCHITECTURE LEVELS

<i>Specify the Domain Name</i>	Infrastructure
<i>Specify the Discipline Name</i>	Network

### KEYWORDS

<i>List Keywords</i>	Network Tools, Network Utilities, Sniffers, Testing Equipment, Taps, Network Performance, Capacity Planning
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### ASSOCIATED COMPLIANCE COMPONENTS

<i>List the Compliance Component Names</i>	Sniffers Testing Equipment Network Taps Utilities
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### ASSOCIATED PRODUCT COMPONENTS

<i>List the Product Component Names</i>	N/a
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### CURRENT STATUS

<i>Provide the Current Status</i>	<input type="checkbox"/> In Development <input type="checkbox"/> Under Review <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Rejected
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## AUDIT TRAIL

<i>Creation Date</i>	10/06/04	<i>Date Approved / Rejected</i>	10/12/04
<i>Reason for Rejection</i>			
<i>Last Date Reviewed</i>		<i>Last Date Updated</i>	
<i>Reason for Update</i>			